



**DEPARTMENT OF DEFENSE
WASHINGTON HEADQUARTERS SERVICES
DEFENSE FACILITIES DIRECTORATE
1 155 DEFENSE PENTAGON
WASHINGTON, DC 20301-1 155**



**SUBJECT: BOUNDARY CHANNEL VEHICULAR ACCESS CONTROL POINT AT
THE PENTAGON RESERVATION**

Brief Description:

The proposed action is to replace and move from its current location an existing temporary Pentagon Force Protection Agency (PFPA) Booth/Gatehouse and Vehicular Access Control Point (VACP) at the Pentagon's Boundary Channel Gate. Additionally, the current vehicular traffic pattern will change at the gate that will utilize existing parking spaces for a new roadway. The Boundary Channel Gate is a primary limited use VACP that provides screening for authorized vehicles and Pentagon personnel to access the east and north side of the Pentagon Building and Reservation. The current operation is limited and includes single inbound and outbound lanes for vehicle traffic and a pedestrian checkpoint for personnel entering from the Pentagon's north parking area. The current VACP also includes a temporary 2-3 person booth/gatehouse and a 1 person pedestrian screening booth. Several active and passive vehicle control barriers are currently located in the roadway.

Reason for Action:

The new Booth/Gatehouse and ACP will be installed to aid:

- In providing PFPA personnel a permanent Booth/Gatehouse and ID check area.
- The replacement and upgrade of the existing security equipment.
- Improving and upgrading the current security lighting.
- Improving the current roadway geometry to meet PFPA operational requirements.
- Lastly, to meet current: Unified Facilities Criteria (UFC); Surface Deployment Distribution Command-Transportation Engineering Agency (SDDCTEA) standards and operational requirements; the Pentagon Integrated Security Master Plan (ISMPP); Homeland Security Presidential Directive (HSPD)-12 requirements; and AT/FP standards.

Anticipated Date and/or Duration of Proposed Action:

The anticipated construction of the new Boundary Channel Booth/Gatehouse and Vehicular Access Control Point will occur during Fiscal Years 2016-17.

Environmental Impacts and Mitigations:

This action will require the installation of: new permanent Booth/Gatehouse, active and passive vehicle barriers, new lighting system, new signage, realignment of physical barriers and roadway geometry, and additional monitoring systems. The environmental impacts and associated mitigations of this action include:

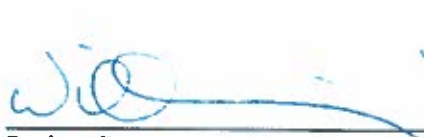
- **Impact** – Asphalt removal and soil disturbance during construction of new: Booth/Gatehouse, active vehicle barriers, roadway geometry, and installation of lighting, signage, and monitoring systems.
- **Mitigation** – The soil disturbance for excavation is to provide proper installation of barriers, building foundation, and wiring for lighting and monitoring systems. During the excavation phase of the project, with its proximity near storm water inlets, proper storm water best management practices will be employed. This will be done to assure that proper erosion and soil controls eliminate any discharge of materials into the Pentagon's storm water sewer system that could impact storm water. An analysis for Energy Independence Security Act (EISA) requirements will be required. A Virginia Department of Environmental Permit for General Construction will be required, and obtained from Arlington County, Virginia.
- **Impact** - On site construction material and equipment storage
- **Mitigation** – On site construction materials and equipment will be stored in the existing secure impound lot which will be utilized as the Project Laydown area until all remaining improvements to the site are completed, at which time all storage items will be removed.
- **Impact**-Environmental precautions for required laydown area.
- **Mitigation** - This ACP, to include the laydown area, will have the utmost in storm water protection throughout the project. Implementation of the required General Storm Water Permit to Construct from Arlington County will be in place for the entire duration of the ACP construction.
- **Impact** – Culturally significant building, The Pentagon.
Mitigation – The design of the new Booth/Gatehouse will be consistent with NCPC and NHPA recommendations so as to not hinder or detract from the facade of the Pentagon Building.
- **Wetlands** – This action will not occur near any wetlands. No impacts to wetlands are expected.
- **Air Quality** – This action is not expected to result in any degradation of air quality.
- **Impact** – Generation of excavation soil.
Mitigation – Any excavated soil will be tested for any contamination prior to either disposal or re-use on the Pentagon Reservation. All generated soil piles will be properly maintained in accordance to the Project's Storm Water Pollution Prevention Plan and Erosion Sediment Control Plan. Any de-watering of excavated trenches during construction will need to be approved by Pentagon Environmental Office Personnel, prior to any action taken.
- **Impact** – Increased risk in personnel accidents due to inclement weather.
Mitigation – This action may cease during times of inclement weather.

General Conformity:

This action has been reviewed for General Conformity under 40 CFR Part 93, Subpart B. The requirements of General Conformity do not apply to this action because the total direct and indirect emissions will not exceed de minimis levels specified in the above regulations.

Conclusion:

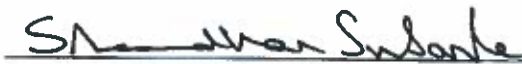
It is determined that this action will result in no significant environmental impact.

Project Proponent

1 APRIL 2015

Date



Environmental Coordinator

04-01-2015

Date